

Best Practices of the institution as per NAAC format

Best Practice 1 :

Title: Innovation and Entrepreneurship Development Centre (IEDC)

- Sri Venkateswara College of Engineering has Innovation and Entrepreneurship Development Centre (IEDC) cell.
- IEDC aimed at excellence in technology facilitating innovation, entrepreneurship and social entrepreneurship.

Objectives

- The aim of IEDC is to guide and encourage the students to convert their ideas into innovations, to create an entrepreneurial ecosystem on campus, to train the students to analyze the market opportunity through entrepreneurial skills and to convert innovation to commercialization.
- To organize Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes, Faculty Development Programmes and Skill Development Programmes in the institution.

The Context

- With the support of our management, the college brought an all-new buzz of entrepreneurship on campus to develop and support our next generation of entrepreneurs and entrepreneurial leaders – young people who will take India to the next level of development and growth.
- On the basis of the innovative projects developed by our students, a Grant-in-Aid of Rs. 48 Lakhs was received.
- The IEDC Grant-in-aid is a unique initiative by the Government of India to impart knowledge-based and innovation-driven hands-on experience to students while pursuing their graduate studies and to train the students and faculty on entrepreneurship.

The Practice

- Students were asked to submit their ideas using a simple 6W (what, why, who, when, where & How) format. The submissions were reviewed by a panel of members consisting of faculty & Industry experts
- Every year on an average 25 to 30 ideas would be submitted by students from which 10 to 12 ideas were short-listed based on the innovation, feasibility, social relevance, and cost-effectiveness.
- Each selected team was allocated a faculty coordinator to refine their idea
- Each one of the teams was groomed in presenting and validating the ideas
- All these teams presented the ideas to an advisory panel consisting of members representing DST, MSME, Industry, and Academia
- Other short-listed projects were also mentored.
- Apart from this, Entrepreneurship Awareness Camps, Entrepreneurship Development Programmes, Faculty Development Programmes are organized for the benefit of Faculty and Students.
- Interaction and interning with practicing entrepreneurs is also facilitated.

- Also, the awareness regarding IPR, Start-up Registration, Finance, business opportunities, processes, technologies, market, etc. are given.

Evidence of success

- **Learning by Doing**

- Having acquired this skill of learning by doing, students showed progress in academic performance and in their project work which forms a part of the curriculum.
- The shortlisted students and their project work motivated other students as an opportunity to emerge as successful intrapreneur/entrepreneur.
- The entrepreneurial ecosystem on campus was building momentum.

- **Students Participation in Competitions**

- Hackathon, AICTE – Smart India Hackathon and several other events. .

- **Skill Development**

- The participation of students in all these activities developed in them the following skills
 - 1.Communication skill
 - 2.Presentation skill
 - 3.Team building skill
 - 4.Negotiation skill
 - 5.Decision-making
 - 6.Networking skill
 - 7.Time management skills
 - 8.Social skill

Best Practice 2:

Title : Students' Academic Excellence

Objective:

- Departments in the college are actively involved in improving the overall results and academic excellence of students.
- Apart from regular classes remedial classes/coaching for slow learners and various other academic related programmes for advanced learners, are being conducted for achieving academic excellence.

The Context:

- Students of the college come from various backgrounds and with different abilities of learning.
- To improve the performance of the weak students, extra classes are conducted where ever necessary.
- Though some of the students have good knowledge and good understanding levels they are not in a position to avail the opportunities of learning latest technologies due to lack of exposure to career opportunities and training.

The Practice:

To improve the performance of students the following programmes were initiated:

Slow learners:

- Remedial classes are conducted for slow learners apart from regular classes for improving their performance.
- Remedial Coaching is also given to those underperformed in end semester exams of the university.
- Remedial coaching is conducted during extra hours to clear the backlogs.
- Teachers take extra classes to revise the difficult concepts for better understanding.
- Tutorial classes are conducted in every subject to understand the subject better.
- Based on the student's requirements topics are taught in tutorials.
- Peer learning and group interaction is encouraged involving meritorious students.
- The parents of slow learners are given information about their wards performance periodically.

Advanced Learners:

- Extra books are provided in the library.
- Soft skills training programme, coding skills development, entrepreneurship awareness programmes are arranged for advanced learners.
- Special placement training to excel in placements is given by reputed organizations.
- They are encouraged to refer NPTEL videos, e-books etc
- Additional Assignments.
- Encouraged advanced learners to participate in workshops, conferences and Hackthons.

Evidence of Success:

- Increase in the pass percentage clearly indicates the success of remedial coaching and remedial classes.
- Because of remedial coaching the success rate in the university supplementary examination has improved.
- Because of the remedial classes the overall pass percentage in the university end exams has increased.
- The guidance given to the advanced learners has helped them to excel in their participation in various activities like conferences and symposia.
- The number of students pursuing higher studies in institutions and universities of academic excellence is good.
- The training programmes for students have given them new academic and communication skills equipping them to face campus interviews and in 300 students getting jobs through campus interviews.

Best Practice 3 :

Title of the Practice: Community Reach through NSS

Objective

- The main objective of this initiative by the staff and students of the college is to reach out to the necessities of the society at large and to give back to the community.
- Creating awareness in the public on several issues they face in their day to day life, helping economically backward people, orphans and old age persons etc. are some of the initiatives taken up to contribute to the society.

The Context:

- There is a growing tendency in present academia to reach out to the society at large and contribute to the wellbeing and betterment of living conditions prevailing in society.
- Some of the Students and staff of the college are voluntarily coming forward to contribute to remove disparity in different areas. The most important arenas in which contribution is made are giving financially aid, bringing awareness on several issues etc.
- NSS unit of this college is thus a collective initiative of students and staff of the college to understand social problems troubling immediate local community in and around Karakambadi, Tirupati to integrate these issues with academic study.

The Practice:

- Blood donation programmes organized by the students and staff for Blood Bank, as an exemplary social service practice.
- Awareness programmes on plastic disposal, eye diseases, Diwali fire accidents and electrical safety, social sites on internet, child education, AIDS, clay Ganesh, energy conservation.
- During every Semester, students and staff of the college visit old age homes, observe and understand their living conditions and help them to lead a better life by distributing food, fruits ceiling fans, medicines and Blankets.
- Other Activities initiated are distribution of books and stationary, rice bags, Rally on Helmet Safety, peace rally on Gandhi jayanthi, anti-drug rally organized every year for Poor students.
- The college observes all important national and international days of social importance like First- Aid- Day, Human Rights Day, International Women's Day, Mental health day, National unity day, voters day,
- International yoga day etc in the campus and at times extended to beyond the campus.

- The various programmes associated with these days are like rallies, camps, conducting seminars are organized in order to develop awareness on social issues to students and the general public.
- Programmes on Swatch Bharat, Road safety, are also organized.

Evidence of Success:

- Various programmes conducted have been successful in educating humanity and charity in the students.
- These programmes are highly successful in bringing awareness in students and public on community living.
- College and students are given number of appreciations/ awards for various outreach activities.
- Patients and poor people who are benefitted from various outreach programmes themselves are testimony to the success of those programmes.
- The observance of various national and international important days is instrumental in spreading basic awareness on national integration, communal harmony and social cohesion in the students.
- The awesome response from the society and those who received help from the College is an important factor that encourages the students to continue their activities.